

APPENDIX A

REFERENCES

a. Required Publications.

Department of the Army

ER 385-1-92	Safety and Occupational Health Document Requirements for Hazardous, Toxic, and Radioactive Waste (HTRW) and Ordnance and Explosives
ER 1110-1-263	Chemical Data Quality Management for Hazardous Waste Remedial Activities
EP 415-1-261	Quality Assurance Representative Guide
EM 200-1-2	Technical Project Planning Guidance for HTRW Data Quality Design
EM 200-1-3	Requirements for the Preparation of Sampling and Analysis Plans
EM 1110-1-4000	Monitor Well Design, Installation, and Documentation of HTW Sites
EM 1110-1-4001	Soil Vapor Extraction and Bioventing

CEGS 01350	Safety, Health, and Emergency Response (HTRW/UST)
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Department of Energy (DOE)

EM-0135P	VOCs in Non-Arid Soils Integrated Demonstration: Technology Summary, February 1994
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U.S. Environmental Protection Agency (USEPA)

USEPA 1975	<u>Manual of Water Well Construction Practices.</u> EPA/570/9-75/001. Updated 3/19/97
USEPA 1985	<u>An Introduction to Ground-Water Tracers.</u> EPA/600/2-85/022. Robert S. Kerr Environmental Research Laboratory, Office of Research, and Development, ADA, OK 74280
USEPA 1986	<u>Test Methods for Evaluating Solid Waste,</u> <u>Physical/Chemical Methods.</u> SW-846, 3rd ed.,

EM 1110-1-4005
15 Sep 97

with promulgated updates July 1992 and
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USEPA 1987	<u>Data Quality Objectives for Remedial Response Activities.</u> EPA/540/G-87/003. (NTIS No. PB 88-131370.)
USEPA 1991	<u>Sampler's Guide to the Contract Laboratory Program.</u> EPA/540/P-90/006
USEPA 1992	<u>A Technology Assessment of Soil Vapor Extraction and Air Sparging.</u> EPA/600/R-92/173. Risk Reduction Engineering Laboratory, Office of Research and Development, Cincinnati, OH. 63 pp
USEPA 1994	<u>Manual: Alternative Methods for Fluid Delivery and Recovery.</u> EPA/625/R-94/003, September, 1994
USEPA 1995a	<u>How to Evaluate Alternative Cleanup Technologies for Underground Storage Tank Sites: A Guide for Corrective Action Plan Reviewers.</u> EPA/510/B-95/007. Office of Underground Storage Tanks. Washington, DC
USEPA 1995b	<u>Subsurface Volatilization and Ventilation System (SVVS): Innovative Technology Evaluation Report.</u> EPA/540/R-94/529. National Risk Management Research Laboratory, Office of Research and Development, Cincinnati, OH. 92 pp
USEPA 1997	<u>The Rapid Optical Screening Tool (ROST™) Laser-Induced Fluorescence (LIF) System for Screening of Petroleum Hydrocarbons in Subsurface Soils.</u> EPA/600/R-97/020. National Exposure Research Laboratory, Las Vegas, NV
<u>American Society for Testing and Materials (ASTM)</u>	
D422-63 (1990)e	Standard Test Method for Particle-Size Analysis of Soils
D2216-92	Standard Test Method for Laboratory Determination of Water (Moisture) Content of Soil and Rock

D2325-68(1981)e1	Standard Test Method for Capillary Moisture Relationships for Coarse- and Medium-Textured Soils by Porous-Plate Apparatus
D2488-93	Standard Practice for Description and Identification of Soils (Visual-Manual Procedure)
D2850-95e1	Standard Test Method for Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression
D4043-91	Standard Guidance for Selection of Aquifer-Test Method in Determining of Hydraulic Properties by Well Techniques
D4044-91	Standard Test Method (Field Procedure) for Instantaneous Change in Head (Slug Tests) for Determining Hydraulic Properties of Aquifers
D4050-91	Standard Test Method (Field Procedure) for Withdrawal and Injection Well Tests for Determining Hydraulic Properties of Aquifer Systems
D4104-91	Standard Test Method (Analytical Procedure) for Determining Transmissivity of Nonleaky Confined Aquifers by Overdamped Well Response to Instantaneous Change in Head (Slug Test)
D4105-91	Standard Test Method (Analytical Procedure) for Determining Transmissivity and Storage Coefficient of Nonleaky Confined Aquifers by the Modified Theis Nonequilibrium Method
D4106-91	Standard Test Method (Analytical Procedure) for Determining Transmissivity and Storage Coefficient of Nonleaky Confined Aquifers by the Theis Nonequilibrium Method
D4750-87(1993)e1	Standard Test Method for Determining Subsurface Liquid Levels in a Borehole or Monitoring Well (Observation Well)
D5220-92	Water Content of Soil and Rock In-Place by the Neutron Depth Probe Method
D5269-92	Standard Test Method for Determining Transmissivity of Nonleaky Confined Aquifers by the Theis Recovery Method

EM 1110-1-4005
15 Sep 97

D5270-92	Standard Test Method for Determining Transmissivity and Storage Coefficient of Bounded, Nonleaky, Confined Aquifers
D5299	Decommissioning of Ground Water Wells, Vadose Zone Monitoring Devices, Boreholes and Other Devices
D5314-92	Standard Test Methods for Soil Gas Monitoring in Vadose Zone
E1739-95 e1	Standard Guide for Risk-Based Corrective Action Applied at Petroleum Release Sites
F481	Installation of Thermoplastic Pipe and Corrugated Tubing in Septic Tank Leach Fields

Other

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Baker et al. 1996	Baker, R.S., Pemmireddy, R., McKay, D. 1996. Evaluation of Air-Entry Pressure During In-Situ Air Sparging: A Potentially Rapid Method of Feasibility Assessment. <u>Proceedings of the 1st International Symposium on In Situ Air Sparging for Site Remediation</u> . October 24 & 25, 1996, Las Vegas, NV. INET, Potomac, MD.
Bass and Brown 1996	Bass, D.H., Brown, R.A. 1996. Air sparging case study database update. <u>Proceedings of the 1st International Symposium on In Situ Air Sparging for Site Remediation</u> . October 24 & 25, 1996, Las Vegas, NV. INET, Potomac, MD.
Clarke et al. 1996	Clarke, A.N., Wilson, D.J., and Norris, R.D. 1996. Using Models for Improving In-Situ Cleanup of Groundwater. <u>Environmental Technology</u> . July/August:34-41.

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